Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 02 Dec 2021 until 23:59 on Friday 03 Dec 2021

Forecast Issued on Thursday 02 Dec 2021 at 01:32

Confidence: High for dry, bright and cold conditions for most of Thursday then turning more unsettled for the rest of the week. Low confidence regarding developments on Monday.

Headline for Thursday 02 Dec 2021: Largely dry, bright and very cold conditions.

Mountain weather hazards on Thursday 02 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Partly cloudy (night)	Cloudy
Precipitation probability					
20%	10%	10%	10%	<05%	20%

Forecast for Thursday 02 Dec 2021

Weather: Largely dry with long sunny periods but the odd light wintry shower may affect the far east of the Peak District. A dry evening, but becoming increasingly cloudy.

Chance of cloud free mountain/hill tops above 600m: 80-90%.

Visibility: Excellent air clarity during daytime. Perhaps briefly poor in wintry showers in the east, with cloud temporarily lowering to 500-600m

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 02 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 NW	12/17 W	12/16 W	10/14 W	10/14 SW	13/19 SW	22/31 SW
300	13/19 NW	11/16 W	10/15 NW	8/15 W	7/10 SW	8/14 SW	14/22 SW
Valley	8/20 NW	3/9 W	6/12 NW	6/13 W	2/5 S	4/13 S	10/22 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-4/-10	-2/-8	-2/-7	-2/-7	-1/-7	-1/-8
300	-0/-6	-2/-7	0/-5	1/-3	0/-4	1/-3	1/-4
Valley	-0/-4	-2/-4	1/-2	1/-2	-1/-2	0/-2	1/-3
Freezing Level*	00m	00m	100m	100m	100m	100m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold in the northwesterly breeze.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 02 Dec 2021	8mm	16.8mm	17.4mm

Forecast for Friday 03 Dec 2021

Weather: Outbreaks of rain overnight, initially falling as sleet or snow. A misty start to the day with light rain or drizzle but becoming dry and bright by the early afternoon. Dry for the rest of the afternoon but a few showers may arrive from the west later in the evening, these wintry above 600m.

Maximum wind: West or Southwest 25-30mph gusts 35-40mph in early hours, decreasing to 10-15mph during the morning.

Chance of cloud free mountain/hill tops above 600m: Nil at first becoming 80% by the afternoon. Falling to 60% through the evening.

Visibility: Very poor overnight and much of the morning with cloud down to lower slopes. Cloud lifting and breaking from late morning with good visibility at all levels in the afternoon. Poor at times late in the evening in showers, with occasional cloud above 500m.

Temperature: **Valleys:** Plus 2 at midnight, rising to 7 or 8C by morning.
At 600m: Zero C at midnight, rising to Plus 3 or 4C.
Freezing level: 400m at midnight, rising above summits by morning.

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